SAUMYA AGRAWAL

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EDUCATION

University of Illinois Urbana Champaign	Urbana-Champaign, IL
Bachelor of Science, Computer Science and Statistics	Graduation: May 2022
	GPA: 3.68
	Dean's List: Fall 2018
	National Honor Society: Alpha Lambda Delta
	Microeconomics Minor

Shikshantar Senior Secondary School	Gurgaon, Haryana, India
Grade 12, Indian School Certificate Examination	Graduation Date: May 2018
	Final Marks: 93.5%

PROFESSIONAL EXPERIENCE

Course Assistant, Data Science Exploration (STAT207)   August 2019 – Present
Statistics Department, University of Illinois at Urbana Champaign
- It works heavily with statistical analysis in Python
- One of the roles is to conduct and assist students during laboratory hours
- Grading laboratory submissions, exams, and Projects

Research Assistant, Kathryn Clancy Laboratory   January 2019 – May 2019
Researchers' Initiative, University of Illinois at Urbana Champaign
- Conducted a correlation on the different aspects of identity for Polish/Polish-American Women
- Data Organization and analysis for Katie Lee's study on Polish/Polish-American Women

Intern   May 2018 – June 2018
Indepay Network Private Limited
- Verifying their products against the economic guidelines of the central bank of India
- Redoing the employee manual

RELEVANT COURSE WORK

Computer Science:
- Java Programming: Data structures, String manipulations, Interface usage, android studio application creation, Json parsing, unit testing, basic gaming consoles, etc
- C++ programming: basic data structures, loading and parsing files, basic gaming consoles, openFrameworks usage, basic machine learning, linked lists, etc

Statistics:
- Inference formulation with various test statistics (z, t, χ^2, F) for multiple or single populations, as well as identifying when to use which
- Multiple linear and logistical regression, Excel data tools usage, correcting flawed data values, correlation and regression studies